

C.W.S.S.TO PALACOMBAI AND OTHER HABITATIONS

- 1 Scheme cost : Rs.407.72 Lakhs
- 2 Beneficiaries : Habitations – 56 Nos.
- 3 Populations : 47511
- 4 Head works : Infiltration Well -3Nos (3.50 dia)
- 5 Pumpset For Infiltration well :
3Hp - 800 LPM x 9m -3Nos -submersible
5Hp - 800lpm x 9m -3Nos - submersible
For collection well:
50Hp - 2335 lpm x67m -2Nos - Vertical turbine
- 6 Hours of Pumping : 16Hours
- 7 Transmission Main
 - a Pumping main 1)300mm AC Cl. 15 - 11530m
2)300 mm LA Cl - 170m
3)250 AC Cl.15 - 4510m
4) 250 mm LA Cl - 60m
- 8 Booster station
 - a Sump with capacity
 - 1)0.65 lakh litres at Kuppampatti.
 - 2)0.06Lakh litres at Anuppapatti
 - 3) 0.35Lakh litres at Kathimarasingapuram
 - 4)0.10Lakhs inTheppampatti.

b Pumpset details

At Kuppampatti: 15 HP x 539 lpm x 40m Cent. pump set – 2 Nos.

30 HP x 1546 lpm x 49m Cent.pump set – 2 Nos.

At Anuppapatti: 7.5 HP x 344 lpm x 42m Cent. pump set – 2 Nos.

5.00 HP x 200 lpm x 40m sub.pump set – 1No.

At Kathirnarasingapuram: 15 HP x 466 lpm x 58m-1No

15 HPx472lpmx59m Cent. pump set – 2 Nos.

At Theppampatti: 4 HP x 200 lpm x 60m – 1 No

- 9 Feeder mains
- | | |
|--------------------------|-------|
| 1)90mm PVC 4Ksc pipes- | 870m |
| 2) 63mm PVC 4Ksc pipes- | 3860m |
| 3) 110mm PVC 4Ksc pipes- | 4355m |
| 4)100mm LA CI CI pipe- | 90m |
| 5) 140mm PVC 4Ksc pipes- | 2375m |
| 6)200 AC CI.15 pi;e - | 4355m |
| 7) 200mm LA CI CI pipe- | 75m |
| 8)50mm GI pipe- | 60m |

10 Service Reservoirs with capacity

5000 Lit. - 1 No.

10,000 Lit. – 13 Nos.

15,000 Lit. - 1 No.

20,000 Lit. - 1 No.

30,000 Lit. – 26 Nos.

60,000 Lit. – 11 Nos.

1, 00,000 Lit. – 1 No.

